

## PATENT COOPERATION TREATY

**PCT**

FIRST NOTICE INFORMING THE APPLICANT OF  
THE COMMUNICATION OF THE INTERNATIONAL  
APPLICATION (TO DESIGNATED OFFICES WHICH  
DO NOT APPLY THE 30 MONTH TIME LIMIT  
UNDER ARTICLE 22(1))

(PCT Rule 47.1(c))

Date of mailing (day/month/year)  
06 May 2005 (06.05.2005)

To:

**RECEIVED**  
2005 -05- 12  
AWAPATENT, Malmö

AWAPATENT AB  
Box 5117  
S-200 71 Malmö  
SUÈDE

Applicant's or agent's file reference  
PC-21016550

**IMPORTANT NOTICE**

International application No.  
PCT/SE2004/001418

International filing date (day/month/year)  
04 October 2004 (04.10.2004)

Priority date (day/month/year)  
02 October 2003 (02.10.2003)

Applicant

TIKOMED AB et al

1. ATTENTION: For any designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002 (30 months from the priority date), does apply, please see Form PCT/IB/308(Second and Supplementary Notice) (to be issued promptly after the expiration of 28 months from the priority date).
2. Notice is hereby given that the following designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002, does not apply, has/have requested that the communication of the international application, as provided for in Article 20, be effected under Rule 93bis.1. The International Bureau has effected that communication on the date indicated below:  
07 April 2005 (07.04.2005)

CH

In accordance with Rule 47.1(c-bis)(i), those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

3. The following designated Offices, for which the time limit under Article 22(1), as in force from 1 April 2002, does not apply, have not requested, as at the time of mailing of the present notice, that the communication of the international application be effected under Rule 93bis.1 :

LU, SE, TZ, UG, ZM

In accordance with Rule 47.1(c-bis)(ii), those Offices accept the present notice as conclusive evidence that the Contracting State for which that Office acts as a designated Office does not require the furnishing, under Article 22, by the applicant of a copy of the international application.

**4. TIME LIMITS for entry into the national phase**

For the designated Office(s) listed above, and unless a demand for international preliminary examination has been filed before the expiration of 19 months from the priority date (see Article 39(1)), the applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 20 MONTHS from the priority date.

In practice, time limits other than the 20-month time limit will continue to apply, for various periods of time, in respect of certain of the designated Offices listed above. For regular updates on the applicable time limits (20 or 21 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*; Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Philippe Becamel

Facsimile No.+41 22 740 14 35

Facsimile No.+41 22 338 70 90

## PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

**PCT**

**SECOND AND SUPPLEMENTARY NOTICE  
INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION (TO DESIGNATED OFFICES  
WHICH APPLY THE 30 MONTH TIME  
LIMIT UNDER ARTICLE 22(1))**

(PCT Rule 47.1(c))

Date of mailing (day/month/year)  
02 February 2006 (02.02.2006)

To:

AWAPATENT AB  
Box 5117  
S-200 71 Malmö  
SUÈDE



Applicant's or agent's file reference  
PC-21016550

**IMPORTANT NOTICE**

International application No.  
PCT/SE2004/001418

International filing date (day/month/year)  
04 October 2004 (04.10.2004)

Priority date (day/month/year)  
02 October 2003 (02.10.2003)

Applicant

TIKOMED AB et al

- ATTENTION: For any designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002 (30 months from the priority date), does not apply, please see Form PCT/IB/308 (First Notice) issued previously.
- Notice is hereby given that the following designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002, does apply, has/have requested that the communication of the international application, as provided for in Article 20, be effected under Rule 93bis.1. The International Bureau has effected that communication on the date indicated below:  
07 April 2005 (07.04.2005)

AU, AZ, BY, CN, CO, DZ, EP, HU, KG, KP, KR, MD, MK, MZ, NA, RU, SY, TM, US

In accordance with Rule 47.1(c-bis)(i), those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

- The following designated Offices, for which the time limit under Article 22(1), as in force from 1 April 2002, does apply, have not requested, as at the time of mailing of the present notice, that the communication of the international application be effected under Rule 93bis.1:

AE, AG, AL, AM, AP, AT, BA, BB, BG, BR, BW, BZ, CA, CR, CU, CZ, DE, DK, DM, EA, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, ID, IL, IN, IS, JP, KE, KZ, LC, LK, LR, LS, LT, LV, MA, MG, MN, MW, MX, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, SC, SD, SG, SK, SL, TJ, TN, TR, TT, UA, UZ, VC, VN, YU, ZA, ZW

In accordance with Rule 47.1(c-bis)(ii), those Offices accept the present notice as conclusive evidence that the Contracting State for which that Office acts as a designated Office does not require the furnishing, under Article 22, by the applicant of a copy of the international application.

**4. TIME LIMITS for entry into the national phase**

For the designated or elected Office(s) listed above, the applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 30 MONTHS from the priority date.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain of the designated or elected Office(s) listed above. For regular updates on the applicable time limits (30 or 31 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

It is the applicant's sole responsibility to monitor all these time-limits.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Philippe Becamel

Facsimile No.+41 22 740 14 35

Facsimile No.+41 22 338 70 90

**PCT  
REQUEST**

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty

For receiving Office use only

International Application No.

International Filing Date-

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference **PC-21016550**  
(if desired) (12 characters maximum)

**Box No. I TITLE OF INVENTION**

**BIOARTIFICIAL IMPLANT AND ITS USE AND METHOD OF REDUCING THE RISK FOR FORMATION OF CONNECTIVE TISSUE AFTER IMPLANTATION**

**Box No. II APPLICANT**

This person is also inventor.

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

**TIKOMED AB**

**Box 81**

**SE-260 40 VIKEN**

**Sweden**

Telephone No.

Facsimile No.

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality: **Sweden**

State (that is, country) of residence: **Sweden**

This person is applicant  all designated States  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box

**Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

**BRUCE, Adam**

**Karlfältsvägen 349**

**SE-260 40 VIKEN**

**Sweden**

This person is:

- applicant only
- applicant and inventor
- inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality: **Sweden**

State (that is, country) of residence: **Sweden**

This person is applicant  all designated States  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box

Further applicants and/or (further) inventors are indicated on a continuation sheet.

**Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

agent

common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Telephone No.

**+46 40 98 51 00**

Facsimile No.

**+46 40 26 05 16**

Teleprinter No.

Agent's registration No. with the Office

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent

## Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

*If none of the following sub-boxes is used, this sheet should not be included in the request.*

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

BRUCE, Lars  
Strandlyckevägen 35.  
SE-260 40 VIKEN  
Sweden

This person is:

- applicant only  
 applicant and inventor  
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality: Sweden

State (that is, country) of residence: Sweden

This person is applicant  all designated  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box for the purposes of:

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

NILSSON, Bo  
Stackmästarevägen 19  
SE-756 47 UPPSALA  
Sweden

This person is:

- applicant only  
 applicant and inventor  
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality: Sweden

State (that is, country) of residence: Sweden

This person is applicant  all designated  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box for the purposes of:

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

KORSGREN, Olle  
Tallmovägen 2A  
SE-756 45 UPPSALA  
Sweden

This person is:

- applicant only  
 applicant and inventor  
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality: Sweden

State (that is, country) of residence: Sweden

This person is applicant  all designated  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box for the purposes of:

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- applicant only  
 applicant and inventor  
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant  all designated  all designated States except the United States of America  the United States of America only  the States indicated in the Supplemental Box for the purposes of:

Further applicants and/or (further) inventors are indicated on another continuation sheet.

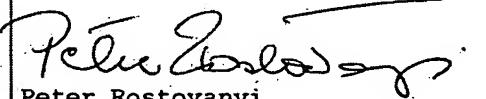
<b>Box No. V DESIGNATIONS</b>																								
<p>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</p> <p>However,</p>																								
<input type="checkbox"/>	DE Germany is not designated for any kind of national protection																							
<input type="checkbox"/>	KR Republic of Korea is not designated for any kind of national protection																							
<input type="checkbox"/>	RU Russian Federation is not designated for any kind of national protection																							
<p>(The check-boxes above may be used to exclude (irreversibly) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.)</p>																								
<b>Box No. VI PRIORITY CLAIM</b>																								
<p>The priority of the following earlier application(s) is hereby claimed:</p>																								
<table border="1"> <thead> <tr> <th rowspan="2">Filing date of earlier application (day/month/year)</th> <th rowspan="2">Number of earlier application</th> <th colspan="3">Where earlier application is:</th> </tr> <tr> <th>national application: country or Member of WTO</th> <th>regional application: regional Office</th> <th>international application: receiving Office</th> </tr> </thead> <tbody> <tr> <td>item (1) 2 October 2003</td> <td>0302599-6</td> <td>Sweden</td> <td></td> <td></td> </tr> <tr> <td>item (2)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>item (3)</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:			national application: country or Member of WTO	regional application: regional Office	international application: receiving Office	item (1) 2 October 2003	0302599-6	Sweden			item (2)					item (3)				
Filing date of earlier application (day/month/year)	Number of earlier application			Where earlier application is:																				
		national application: country or Member of WTO	regional application: regional Office	international application: receiving Office																				
item (1) 2 October 2003	0302599-6	Sweden																						
item (2)																								
item (3)																								
<input type="checkbox"/> Further priority claims are indicated in the Supplemental Box.																								
<p>The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:</p>																								
<input type="checkbox"/> all items <input checked="" type="checkbox"/> item (1) <input type="checkbox"/> item (2) <input type="checkbox"/> item (3) <input type="checkbox"/> item (4) <input type="checkbox"/> item (5) <input type="checkbox"/> other, see Supplemental Box																								
<p>*Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)).</p>																								
<b>Box No. VII INTERNATIONAL SEARCHING AUTHORITY</b>																								
<p>Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):</p>																								
<p>ISA / SE.....</p>																								
<p>Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):</p>																								
Date (day/month/year)	Number	Country (or regional Office)																						
2 October 2003	SE 03/00750	Sweden																						
<b>Box No. VIII DECLARATIONS</b>		Number of declarations																						
<p>The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):</p>																								
<input type="checkbox"/> Box No. VIII (i)	Declaration as to the identity of the inventor	:																						
<input type="checkbox"/> Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	:																						
<input type="checkbox"/> Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	:																						
<input type="checkbox"/> Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America)	:																						
<input type="checkbox"/> Box No. VIII (v)	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	:																						

**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:		This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	
(a) in paper form, the following number of sheets:			
request (including declaration sheets)	: 4	<input checked="" type="checkbox"/> fee calculation sheet	: 1
description (excluding sequence listings and/or tables related thereto)	: 13	<input type="checkbox"/> original separate power of attorney	:
claims	: 2	<input type="checkbox"/> original general power of attorney	:
abstract	: 1	<input type="checkbox"/> copy of general power of attorney; reference number, if any: .....	:
drawings	: 12	<input type="checkbox"/> statement explaining lack of signature	:
<b>Sub-total number of sheets</b>	<b>: 32</b>	<input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): .....	:
sequence listings	:	<input type="checkbox"/> translation of international application into (language): .....	:
tables related thereto (for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)	:	<input type="checkbox"/> separate indications concerning deposited microorganism or other biological material	:
<b>Total number of sheets</b>	<b>: 32</b>	<input type="checkbox"/> sequence listing in computer readable form (indicate type and number of carriers)	:
(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))		(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	:
(i) <input type="checkbox"/> sequence listings		(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	:
(ii) <input type="checkbox"/> tables related thereto		(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listings mentioned in left column	:
(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))		10. <input type="checkbox"/> tables in computer readable form related to sequence listings (indicate type and number of carriers)	:
(i) <input type="checkbox"/> sequence listings		(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)	:
(ii) <input type="checkbox"/> tables related thereto		(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)	:
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the		(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column	:
<input type="checkbox"/> sequence listings: .....		11. <input checked="" type="checkbox"/> other (specify): ITS-Report, Subauthorisation : 2	
<input type="checkbox"/> tables related thereto: .....			
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)			
Figure of the drawings which should accompany the abstract:	3	Language of filing of the international application:	Swedish, English

**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**  
*Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).*

Malmö 4 September 2004

  
**Peter Rostovanyi**  
 Authorised Agent

For receiving Office use only		2. Drawings:	
1. Date of actual receipt of the purported international application:			<input type="checkbox"/> received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:			<input type="checkbox"/> not received:
4. Date of timely receipt of the required corrections under PCT Article 11(2):			
5. International Searching Authority (if two or more are competent): ISA/	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid.		

Date of receipt of the record copy by the International Bureau:

Form PCT/RO/101 (last sheet) (January 2004)

For International Bureau use only

See Notes to the request form